



Figure 1

Replacement Drawing 1 of 3 \\
2207/6856
Ex.Mail #EV351183218US

1						_					
4 \sim	р	l <=b	9/0	5/a	3/c	p/ı	<==q				
40	C	C=>3	1/p	9/0	2/a	3/c	<==p				
\sim	æ	a=>2	9/q	1/p	0/e	2/a	<==>				
38	6	0<=ə	2/c	p/E	q/ 1	ə/ 0	a==>				
\sim	q		0/a	2/c	p/8	q/ 1					
\sim	q		0/a	2/c	9/q	1/b					
\sim	р	€<=p	q/ 1	0/a	2/c	p/E	<==Z				
\sim	כ	c=>2	z/8	q/1	0/a	2/c	<==Z <==Á				
\sim 33	p		2/y	z/8	q/1	0/a					
\sim	q	l <=q	7/V	z/8	0/a	1/p	<==X				
\sim	p	a=>0	x/1	2/y	z/8	0/a	<==M				
\sim	P√ Sequence	V Allocation	m/0	x/1	2/y	3/z					
LRUS NO											

Figure 2 (Prior Art)

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	ъ		1/e	0/a	2/c	1		
	C		p/8	1/e	p/0	2/c		
	a		2/c	3/d 1/e	1/e	a		
\sim	e	e==>1	0/a	2/c	p/8	1/e	<==q	
\sim	RICL (b)		1/p	0/a 2/c $40/a$ 2/c 3/	2c	p/8		←
	q		0/a	2/c	3/d /	/ q/1		
	р	c==>2 d==>3	1/p	1/b 0/a	2/c	9/q	<==Z	
	כ	c==>2	2/y 3/z 1/b	q/ı	0/a	5/c	<==Z <==Á	
	a		2/y	3/z	q/1	0/a		
	q	-=>0 p==>1	2/y	2/y 3/z	0/a	1/1	<==X <==A	
	p		x/1	2/y	z/8	0/a	<==M	
	P√ Sequence	2~ Allocation a	w/0	1/x	2/y	3/z	Replaced	
	5	8	LRU=>	S	–) n	>	r

Importance level of cache line is reduced; cache line b continues to store valid data

Figure 3

Replacement Drawing 3 of 3 2207/6856 Ex.Mail #EV351183218US